A balancing device for a tire mounted to a wheel, said balancing

device comprising:

a case having at least one surface thereon; and

a single balancing weight enclosed in said case, said at least one surface of said case having means for mounting said case to said tire.

- A device according to plaim 1, wherein said weight is made of a lead 2. material.
- 3. A device according to claim 1, wherein said weight is made of iron alloy.
- 4. A device according to claim 1, wherein said weight is made of zinc and aluminum alloy.
- A device according to claim 1, wherein said weight is made of 5. plastic material.
- 6. A device according to claim 1, wherein said at least one surface includes a convex portion.
- 7. A device according to claim 1, wherein said at least one surface includes a concave portion.
- 8. A device according to claim 1, wherein said at least one surface is at least substantially an arc segment of a cylinder.
- A device according to claim 1, wherein said weight has an 9. approximately rectangular cross section.
- 10. A device according to claim 1, wherein said case has an approximately constant thickness.

- 11. A device according to claim 1, wherein said case is made of a flexible material.
- 12. A device according to claim 1, wherein said case further comprises sections and said weight further comprises passages, said sections passing through said passages of said weight.
- 13. A device according to claim 1, wherein said case glued to a surface of said weight.
- 14. A device according to claim 1, wherein said at least one surface is delimited by borders that define edges.
- A device according to claim 1, wherein said at least one surface is pre-coated with gluc.
- > 16. A device according to claim 1, said device further comprising a tape attached to said at least one surface, the surfaces of said tape being coated with adhesive.
  - 17. A device according to claim 1, wherein said case is black.
  - 18. A device according to claim 1, wherein said case is white.
  - 19. A device according to claim 1, wherein said case is green.
- 20. A wheel including a rim having an axis, a tire and a balancing device, said balancing device comprising:
  - a case having at least one surface thereon; and
- a single balancing weight enclosed in said case, said at least one surface of said case being firmly mounted to a surface of a side of said tire.
- 21. A wheel according to claim 20, wherein at least one said balancing device is mounted to each side of said tire.

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A wheel according to claim 20, wherein said balancing device is 22. mounted along a side of said tire close to said rim.

23. A wheel according to claim 20, wherein said tire further comprises a section of maximum width, said balancing device being mounted radially between said rim and said section of maximum width.

24. A wheel according to claim 20, wherein said tire further comprises a sidewall, said balancing device being radially mounted along the inside of said sidewall.

- 25. A wheel/according to claim 24, wherein said balancing device is radially mounted along the oatside of said sidewall.
- A wheel according to claim 20, wherein said tire further comprises a 26. circumferential groove therein, said balancing device being engaged in said circumferential groove.
- A wheel according to claim 20, wherein said rim further comprises 27. an edge thereon and a circumferential groove defined between said tire and said edge of said rim, said balancing device being engaged in said circumferential groove.
- A wheel according to claim 20, wherein said balancing device is firmly mounted to said tire by gluing.